

WEB ENGINEER (158-02)

SALARY: \$57,948.80 - \$81,827.20 annually, plus liberal fringe benefits

Management Category IV

THE POSITION

This is highly responsible professional and technical work of more than average difficulty in the development and implementation of web-based information technology, including collaboration with business units to analyze and define program requirements.

An employee in this class is responsible for performing complex system and application architecture reviews and specifications, detailed design documents and program development. Work requires a broad based understanding of web development using formal software methodologies; experience with various web infrastructure products including web servers, application servers, security products, content management products, and web development tools. Work also requires strong skills in project management, web server administration, web development and database management, extensive knowledge of web programming tools, web hosting services, Internet business models, e-commerce infrastructure, firewalls, Internet access, servers, databases and file structures.

Under general direction, an employee in this class is required to exercise considerable initiative and independent judgment in the organization of work and in the implementation of web-based information technology. Work is reviewed through personal conferences, analysis of written reports, and the quality of completed projects including adherence to project schedules.

NOTE: The duties of this position will include all of those duties set forth in the official job description.

THE REQUIREMENTS

1. Have graduated from an accredited college or university with a Bachelor's degree in computer science, information processing, operations research, mathematics, or closely related field. Additional qualifying work experience as specified in #2 below may be substituted on a year-for-year basis for the required college education.
2. Have at least two (2) years experience in planning, organizing and implementing web programming projects. An appropriate Master's degree may be substituted for one (1) year of the experience requirement.
3. Possess or be able to obtain a State of Florida driver's license.

THE EXAMINATION

Depending on the number of applicants and the quality of their education and experience, the examination may consist of one or more of the following tests: Evaluation of Training and Experience, Oral Interview, Written Examination, or other assessment method. Applicants must attain a minimum score of 70 in each part of the examination in order to qualify. All successful applicants will be required to pass a medical examination, including drug screening, prior to appointment

NOTE: **APPLICANTS MUST COMPLETE ATTACHED SUPPLEMENTAL QUESTIONNAIRE AS WELL AS THE STANDARD EMPLOYMENT APPLICATION.**

HOW TO APPLY

Application forms should be filled out completely and should clearly show that the minimum qualifications are met. Eligibility for hire may be based on a rating of the application; therefore, completeness and accuracy are of the utmost importance. Official City of Fort Lauderdale applications will be accepted and **received** at the Department of Human Resources, City Hall, 100 North Andrews Avenue - 3rd Floor, Fort Lauderdale, Florida, open continuously until sufficient applications have been received.

PLM: 01/25/06:Ann#82-158-02
PLM:04/09/06:SalChg
Medical Group III

WEB ENGINEER

**CITY OF FORT LAUDERDALE
SUPPLEMENTAL EMPLOYMENT QUESTIONNAIRE
FOR
WEB ENGINEER (158-02)**

This application supplement is an integral part of the application process and must be completed together with the formal application in order for you to be considered as an applicant. Answer each question as thoroughly as possible as your responses will be rated as to how they relate to the position to be filled. Please type or print legibly as your supplement responses that are not legible will be difficult to evaluate completely and fairly. ***Please use additional sheets, if necessary.***

1. What are the two principle components of the .NET Framework? Briefly describe their functions.
2. What is a SQL injection attack? What measures may be taken to minimize vulnerability?
3. To maximize security and data integrity, should form validation be performed client-side, server-side, or both? Explain your answer.
4. What is the difference between Authentication and Authorization?
5. How would you debug a slow Web application?
6. Explain XML and its relationship to .NET.
7. Describe your experience with IIS.

My signature affirms that a// information contained in this supplemental questionnaire is true to fullest of my knowledge and that I understand that any misstatement of fact may result in disqualification or dismissal.

Signature

Date

(SIGNATURE NOT REQUIRED IF ATTACHED TO EMPLOYMENT APPLICATION AND SUBMITTED ELECTRONICALLY TO THE CITY'S ON-LINE APPLICATION WEB SITE.)